

QUEENSLAND.

Presented to both Houses of Parliament by Command.

Having in view the more favourable weather for the pastoralist that obtained in 1889, a larger increase both in sheep and horned cattle might reasonably have been expected, but the probable effects of the past droughts on the breeding stock to which I have already referred may account in some measure for the reduced increment shown. Another fact, also, must not be lost sight of in connection with this subject. In past years Queensland has at times brought from other colonies large accessions to her flocks, but a reference to the table of imports and exports of live stock during 1889 will show the contrary was the case in that year, as the exports exceeded the imports by no less than 172,648 cattle and 87,611 sheep, which, of course, considerably affected the percentage of increase for that year. The excess of exports over imports for the past two years of the description of stock referred to will be best seen from the following table:—

**B.**  
**CATTLE.**

1889—Imports by sea	...	...	...	...	602	
Imports by land	...	...	...	...	1,867	2,469
Exports by sea	...	...	...	...		
Exports by land	...	...	...	...	175,117	175,117
Excess of Exports over Imports, 1889	...	...	...	...		172,648
1888—Imports by sea	...	...	...	...	313	
Imports by land	...	...	...	...	1,111	1,424
Exports by sea	...	...	...	...	84	
Exports by land	...	...	...	...	188,748	188,832
Excess of Exports over Imports, 1888	...	...	...	...		187,408

**SHEEP.**

1889—Imports by sea	...	...	...	...	1,630	
Imports by land	...	...	...	...	222,369	225,999
Exports by sea	...	...	...	...	27	
Exports by land	...	...	...	...	311,583	311,610
Excess of Exports over Imports, 1889	...	...	...	...		87,611
1888—Imports by sea	...	...	...	...	2,335	
Imports by land	...	...	...	...	234,167	236,502
Exports by sea	...	...	...	...	746	
Exports by land	...	...	...	...	248,804	249,550
Excess of Imports over Exports, 1888	...	...	...	...		13,048

Appendix Tables II., III., and IV. show, by Police Districts, the number of cattle and sheep in each of the three great divisions of the Colony for the years 1888 and 1889, a summary of which I append; thus a comparison between the two years of the number in each division may be readily arrived at:—

**C.**

Division.	Year.	Cattle.	Sheep.
NORTHERN	1888	1,455,963	964,537
	1889	1,531,482	1,036,989
	Numerical Increase in 1889	75,519	72,452
	Centesimal Increase in 1889	5.18	7.50
CENTRAL	1888	1,533,568	6,424,586
	1889	1,586,956	7,053,041
	Numerical Increase in 1889	53,388	628,455
	Centesimal Increase in 1889	3.41	9.78
SOUTHERN	1888	1,665,401	6,054,882
	1889	1,753,978	6,380,065
	Numerical Increase in 1889	88,577	325,183
	Centesimal Increase in 1889	5.31	5.37



From the above it will be seen that in cattle the increase has been proportionately about the same in both the Northern and Southern Divisions, whilst the Central has contributed to the increase only at a rate a little more than two-thirds of the same proportion. As the numbers of horned cattle in the Colony are about equally divided between the three divisions the comparison is a fair one. It is probable that the smaller increase in the Central Division was caused by large drafts of cattle from that locality having been sent to stock country in the North and North-west, in the latter direction even beyond the Queensland border. Owing probably to the sudden change of weather, pleuropneumonia appears to have been more general amongst herds of cattle in various parts of the Colony in 1889, causing in some cases important losses, and being an additional cause for the reduction of the increase. Judging from the returns sent to me, this disease seems to have been especially prevalent in the Southern Division, but the very energetic measures taken to check its spread by systematic inoculation will no doubt put a stop to its ravages. With regard to sheep, affairs are different. The Central Division, although showing the smallest percentage of increase in horned cattle, is that in which the largest percentage of increase in sheep is apparent—namely, 9 per cent. The Northern District comes next with 7 per cent., and the Southern last with 5 per cent.; but when taking the Northern increase into consideration it must be remembered that the calculation made is on figures numbering something under one million, whilst that on the other two divisions is on over six millions each, the number depastured therein in 1888. Although this would not greatly affect the question were the natural increase within each division alone concerned, it is apparent that fluctuations occurring by an influx of travelling stock would more easily affect percentage increase on the smaller number in the Northern Division.

A perusal of Table II. will disclose that the accession to the number of cattle in the Southern Division is most numerically important in the following Police Districts:—Taroom, 21,325; Gayndah, 19,899; Toowoomba, 12,644; and Roma, 9,140; whilst the principal decreases will be found in Eidsvold, 18,830; and Inglewood, 16,605. The increase to Taroom and Gayndah may have been assisted by probable transfers of stock from Eidsvold district, where runs may have been partially resumed or interfered with for mining purposes. The floods experienced during the year, which were very severe in the McIntyre and Dumaresq watershed, no doubt contributed to the deficit in the Inglewood district. In connection with this it will be observed that the increases in Stanthorpe and Goondiwindi (contiguous districts) are very small. The Inglewood police district itself consists of the watershed and valley of the Upper McIntyre.

In the Southern Division, the principal increases in sheep occur in the police districts of Toowoomba, 161,345; Dalby, 117,736; Adavale, 86,300; Charleville, 82,797; and Mitchell, 81,781; and the more important decreases have taken place in the districts of St. George, 236,208; Thargomindah, 47,044; Eulo and Hungerford, 39,512; from which it may be gathered that the districts lower down the great rivers Balonne, Warrego, Paroo, and Bullo not only suffered most severely from the floods, but that the enormous spread of water in these localities rendered it necessary to remove stock to runs higher up the watershed. This seems to be the probable cause for increases shown in the Adavale, Charleville, and Mitchell districts.

Table III., recording the number of cattle and sheep in the Central Division, shows, as before stated, the least satisfactory figures relative to cattle and the best with respect to sheep. Towards the small increase of 3.41 per cent. in this division the police district of Clermont's contribution of 31,618 is the most important, Barcaldine, Rockhampton, Emerald, and Winton coming next in the order named with 8,862, 8,483, 8,384, and 8,109 respectively. The only decreases of any importance appear in the returns from Windorah, 22,273; Muttaborra, 9,082; and Blackall, 3,315. I have previously pointed out that the decrease in cattle in this division may have been caused by drafts of stock to northern country, &c., perhaps to make room for sheep, and this seems more probable the closer the returns are analysed, because on referring to the particulars of this description of live stock within this division, it will be seen that of the increase of nearly three-quarters of a million, more than one-half, or 448,914, were found in the police districts of Windorah and Blackall, Muttaborra also having an increase of 70,854, being the places where decrease in the number of cattle is most apparent. Practically, there were only two districts in which decreases in sheep were shown—namely, in Arrilalah 110,446 and Isisford 17,019.

From Table IV. it will be observed that the principal increases in cattle in the Northern Division occurred in the police districts of Burke, Hughenden, Cape River, and Croydon; and the most important decreases in the districts of Camooweal and Norman. The only increase in sheep of any note in the division was in Hughenden, the largest decrease in that description of stock being in Cloncurry. At the suggestion of the Chief Inspector of Stock, Mr. Gordon, and with a view to calculations as to the probable meat supply in Queensland from year to year, I have endeavoured, as a beginning, to ascertain the ages of cattle in this Colony in 1889; unfortunately, however, the effort was made after the arrangements for the collection of the statistics were completed, and it was consequently only partially successful. A circular was sent, through the police collectors, to owners of horned cattle, asking them to favour me with a return of beasts at each age depastured by them. Notwithstanding the evident efforts made by the collectors, the result has not been so useful as was anticipated, owing in many cases to the want of properly kept stock books, and, in some cases, to the refusal of owners to give the statistics although they were in a position to do so. I intend, however, next year, to make a further effort to obtain the information and to be able to publish it in a compendious form. Having in view the very important and combined efforts now being made by graziers to open a home market for their surplus stock, surely reliable information as to the amount of matured stock fit for market at present in the Colony and the probable number which it can be relied upon to produce from year to year, would be a valuable feature when making their arrangements and calculations as to the quantity of meat they were in a position to dispose of. If the object had in view commends itself to the cattle owners of Queensland I would ask for their hearty co-operation, next year in furtherance of this matter. The result of the effort made in 1889 to collect the particulars referred to is shown in the following table, and is given for what it is worth:—

D.  
AGES OF CATTLE.

Police District.	Under 1 Year.	1-2.	2-3.	3-4.	4-5.	Over 5 Years.	Age not Stated.	Total.
Adavale ... ..	6,006	8,868	7,599	5,582	5,977	6,522	671	41,225
Allora ... ..	107	251	157	100	...	125	10,756	11,496
Aramac ... ..	1,909	2,600	1,350	1,455	...	3,021	13,666	24,001
Arrilalah ... ..	196	467	328	208	202	40	35,980	37,421
Augathella ... ..	...	...	...	...	...	...	36,721	36,721
Ayr ... ..	3,280	3,264	3,743	2,179	1,958	4,857	12,221	31,502
Banana ... ..	20	822	686	528	470	75	79,195	81,796
Barcaldine ... ..	1,572	4,129	2,757	2,763	2,146	5,258	19,032	37,657
Blackall ... ..	96	110	210	140	263	756	4,064	5,639
Bollon ... ..	1,730	3,470	2,284	2,437	2,031	3,425	14,028	29,405
Boulia ... ..	21,602	28,672	26,235	11,745	5,515	12,675	71,343	177,787
Bowen ... ..	...	...	...	...	...	...	189,953	189,953
Brisbane ... ..	...	...	...	...	...	...	31,369	31,369
Bundaberg ... ..	2,444	4,245	4,016	2,053	973	4,599	46,652	65,022
Burke ... ..	4,332	3,649	4,617	3,169	3,868	1,800	81,831	103,266
Caboolture ... ..	1,028	1,377	1,450	3,671	2,543	907	13,408	24,384
Cairns ... ..	100	230	110	90	80	390	5,116	6,116
Camoweal ... ..	...	...	...	...	...	...	29,170	29,170
Cape River ... ..	120	240	200	300	200	240	96,143	97,443
Cardwell ... ..	...	...	...	...	...	...	10,631	10,631
Charleville ... ..	1,546	1,775	2,100	1,400	1,500	1,549	51,245	61,115
Charters Towers ... ..	5,149	8,386	11,352	9,608	7,020	13,773	95,172	150,460
Clermont ... ..	11,370	5,310	6,275	7,341	3,167	4,895	103,770	142,128
Cleveland ... ..	37	48	25	35	35	113	2,170	2,463
Clonecurry ... ..	1,008	1,006	4	...	...	...	190,559	192,577
Condamine ... ..	1,503	2,172	1,977	1,204	684	1,819	13,197	22,556
Cook ... ..	2,549	4,931	4,331	5,358	4,086	5,183	28,202	54,640
Crow's Nest ... ..	1,260	1,729	1,832	987	1,086	1,285	2,697	10,876
Croydon ... ..	3,102	1,857	1,994	1,060	1,110	1,305	22,969	33,397
Cunnamulla ... ..	17,595	17,976	15,381	9,580	12,307	17,032	9,435	99,306
Dalby ... ..	150	471	696	67	...	1,053	29,969	32,406
Diamantina ... ..	...	...	...	...	...	...	144,769	144,769
Douglas ... ..	110	50	90	40	30	...	1,279	1,599
Eidsvold ... ..	1,660	5,096	860	1,603	1,253	4,690	28,550	43,712
Emerald ... ..	1,836	4,083	3,479	2,274	1,755	4,041	21,357	38,825
Esk ... ..	98	133	303	29	78	66	56,103	56,810
Etheridge ... ..	2,423	4,101	4,219	2,080	2,687	9,462	63,860	88,832
Eulo ... ..	...	...	...	...	...	...	70,154	70,154
Gatton ... ..	145	185	575	1,015	1,076	720	29,365	33,081
Gayndah ... ..	7,067	8,016	7,771	4,987	2,296	10,510	70,418	111,065
Gilbert ... ..	...	...	...	...	...	...	88	88
Gladstone ... ..	5,101	7,829	7,100	4,335	3,244	9,576	57,714	94,899
Goodna ... ..	80	85	105	45	65	45	2,212	2,637
Goondiwindi ... ..	876	1,213	392	1,210	386	1,488	6,043	11,608
Gympie ... ..	1,362	1,807	2,098	2,648	3,567	990	30,689	43,161
Herberton ... ..	257	274	167	308	163	520	43,971	45,600
Highfields ... ..	...	...	...	...	...	...	7,493	7,493
Hughenden ... ..	7,684	21,029	15,980	13,149	6,608	15,069	101,246	180,765
Hungerford ... ..	68	153	646	1,860	30	86	53	2,896
Ingham ... ..	610	615	508	422	450	650	31,858	35,113
Inglewood ... ..	620	2,591	2,431	777	683	923	4,526	12,551
Ipswich ... ..	502	465	660	...	...	615	12,893	15,135
Isisford ... ..	...	...	...	...	...	...	17,659	17,659
Leyburn ... ..	135	254	349	197	59	453	1,448	2,895
Logan ... ..	417	543	829	880	589	660	42,400	46,318
Mackay ... ..	5,560	6,039	5,415	4,597	5,411	7,926	28,774	63,722
Marburg ... ..	...	...	...	...	...	...	2,809	2,809
Maryborough ... ..	1,595	1,572	1,880	1,252	1,972	1,793	28,030	38,094
Mitchell ... ..	7,106	8,224	8,595	6,236	2,888	7,755	23,032	63,836
Moonie ... ..	790	1,220	900	140	320	219	12,247	15,836
Mourilyan ... ..	10	10	20	...	...	...	338	378
Muttaborra ... ..	10,036	7,985	8,402	6,849	3,140	6,795	21,874	65,081
Nanango ... ..	66	90	158	153	68	49	57,380	57,964
Nebo ... ..	5,324	6,816	7,085	3,258	3,343	8,193	25,921	59,940
Nerang ... ..	387	322	255	360	425	163	3,261	5,173
Norman ... ..	6,160	19,768	11,456	10,553	8,175	16,605	47,806	120,523
Normanby ... ..	30	...	70	90	60	...	24,068	24,318
Palmer ... ..	1,545	1,430	1,400	440	15	1,720	5,126	11,676
Ravenswood ... ..	1,343	1,226	2,172	2,896	2,762	2,202	1,753	14,354
Rockhampton ... ..	6,933	6,297	6,613	5,849	7,297	9,909	151,585	194,483
Roma ... ..	7,448	6,771	6,248	4,838	2,562	9,873	24,090	61,830
St. George ... ..	2,239	1,649	3,089	1,179	1,983	771	2,875	13,785
St. Lawrence ... ..	8,460	11,486	7,982	4,225	3,498	13,702	53,834	103,187
Somerset ... ..	320	...	76	77	77	...	968	1,518
Springsure ... ..	5,502	6,352	3,847	3,801	2,242	1,753	66,214	89,711
Stanthorpe ... ..	...	...	...	...	...	...	12,588	12,588
Surat ... ..	2,587	4,497	2,860	4,875	1,660	210	18,327	35,016
Tambo ... ..	...	...	...	...	...	...	16,346	16,346
Taroom ... ..	17,706	17,705	14,678	8,324	9,834	15,869	11,905	96,021
Tenningering ... ..	3,819	4,932	4,862	3,232	2,906	4,003	24,242	47,996
Thargomindah ... ..	...	5,000	4,000	3,000	...	2,000	230,648	244,648
Thornborough ... ..	1,922	1,966	2,815	2,406	1,525	1,698	29,855	42,187
Tiaro ... ..	393	1,130	1,063	960	817	1,512	30,622	36,497
Toowoomba ... ..	2,897	1,051	1,382	851	292	3,623	22,929	33,025
Townsville ... ..	1,519	2,130	1,956	2,195	2,504	2,075	13,533	25,912
Warwick ... ..	2,490	2,502	1,937	1,684	1,450	1,335	8,938	20,336
Windsorah ... ..	9,681	16,759	13,992	10,911	5,618	16,908	97,599	171,468
Winton ... ..	17,896	16,336	15,269	9,621	3,855	11,660	25,868	100,505
	252,626	327,842	290,748	215,811	158,939	303,582	3,322,868	4,872,416



It will be seen that the collectors were only successful in obtaining the information with respect to 31·87 per cent. on the total number of cattle in the Colony. This is of course too small a proportion to be of much value towards effecting the object sought to be obtained, but it is of some value even in its imperfect form. Next year, as I have previously said, I trust to obtain large assistance in my efforts from stockowners, which will enable me to publish for 1890 statistics to throw greater light on this important subject.

### AGRICULTURAL RETURNS.

In the Appendix Tables V. and VI. is contained a return of the agricultural operations in each district during 1889, and Table IX. furnishes particulars of the average produce per acre of each kind of crop, while Tables VII. and VIII. are devoted more particularly to details of the wheat crop.

From the two first-mentioned tables it will be gathered that during the year under review agriculture made considerable progress, and in most cases with fair results. It is to be hoped that better seasons will obtain than have been lately experienced, and that with the assistance of the energetic officers of the Agricultural Department, whose best efforts are directed to teach scientific farming in this Colony, Queensland will take at no distant date the rank as an agricultural country to which her natural advantages evidently entitle her.

The following statement shows a comparison of the area under crop and under cultivation for the past two years:—

					Under Cultivation.		Under Crop.
1889	...	...	...	...	247,073	...	232,643
1888	..	...	...	...	214,002	...	192,987
Increase for 1889 ...					33,071		39,656

From the above it will be seen that the increase of area under cultivation in 1889 was 33,071, or 15·45 per cent. on the total area so employed in 1888; in addition to this satisfactory increase there were 8,528 acres more land under artificial grasses in 1889 than there were in 1888: this area may, however, have been increased to some extent by the inclusion of acreage which has already been returned as under hay, as it occasionally happens that artificial pasture land is reserved for a portion of the year until a crop of hay is taken from it.

WHEAT.—It will be found on turning to Table VII. in the Appendix that the cultivation of this cereal was pursued with better results during the last year than in the one preceding it. The area planted was greater than in any other year of the quinquenniad, and with one exception—namely, in 1884, when 81 more acres were planted—exceeded that of any previous year. Although rust, that greatest enemy of the wheat farmer in Queensland, attacked the larger portion or nearly 82 per cent. of the 14,830 acres which yielded grain or hay, yet the blight was evidently less severe in form than has been frequently the case; because of the 12,108 acres so affected, 6,343 acres mown for hay yielded 12,108 tons, or at the rate of not quite 2 tons to the acre, and the balance, 5,787 acres reaped for grain, returned 98,004 bushels, being at the rate of over 17 bushels per acre; whilst the grain acreage free from rust only exceeded this yield by 4 bushels per acre. The peculiarity of this crop during 1889, shared with the year 1886, is that half of the area planted was cut for hay and with fairly good results; but there the comparison with 1886 ends, for both as to the return of wheat to the area sown and the return to the acreage for grain, the results in that year were most disastrous; whilst, as previously shown, the contrary was the case in the year 1889.

The result of the wheat crop for the past five years, in a comparative form, will be found in the following statement:—

### E.

Year.				Total Extent of Land Sown with Wheat.	Increase on the Previous Year.	Decrease on the Previous Year.	Total Area for Grain.	Return to the Total Acreage Sown.		Return to the Acreage for Grain.
				Acres.	Acres.	Acres.	Acres.	Bush. Lbs.		Bushels.
1885	...	...	...	13,299	...	2,643	10,093	3	53	5·11
1886	...	...	...	15,665	2,366	...	6,787	1	21	3·13
1887	...	...	...	10,563	...	5,102	8,248	17	15	22·10
1888	...	...	...	9,602	...	961	9,305	0	52	0·89
1889	...	...	...	15,861	6,259	...	8,459	8	28	15·88

This shows that on the total acreage sown the yield exceeded eight bushels to the acre, and that on the acreage reaped for grain the return was 15·88 bushels; and the fact that, notwithstanding this result, such large areas are cut for hay would suggest the idea that this cereal, though not generally considered a good hay-producing crop, must be frequently planted in Queensland with the specific intention of being cut for that purpose.

An examination of Table VII. will show that Allora, Toowoomba, and Warwick are still the largest contributors to wheat production in this Colony; but it is satisfactory to notice that, whilst this was the case in 1888 to the extent of 95 per cent., in 1889 these three districts only furnished something under 90 per cent. of area under wheat, pointing to a slightly more diffused cultivation of this crop. This is further proved by the fact that wheat was planted in thirty-five districts in 1889, as against twenty-one in 1888, the range of its cultivation having extended westerly to Cunnamulla, northerly to Mackay and Herberton, and north-westerly to Clermont.

OATS.—This crop also appears to have been successfully cultivated in 1889, more especially as to the area devoted to hay: the acreage was larger and the yield much greater than in the previous year. The acreage reaped for grain in 1889 did not much exceed that in 1888, but the increase in produce was very pronounced, being nearly four times greater in 1889 than in 1888—that is, 19·41 bushels per acre in the former, as against 5·65 in the latter, year. The same remarks apply to the crop of hay obtained, which averaged 2·29 tons to the acre in 1889, compared with 1·03 tons the preceding year. The result of this crop is shown in a tabular form in the following statement:—

## F.

Year.							Total Acreage Sown.	Reaped for Grain.	Total Produce.	Mown for Hay.	Total Produce.	Cut for Green Fodder.	Average Produce each Year.	
													Grain per Acre.	Hay per Acre.
								Acres.	Bushels.	Acres.	Tons.	Acres.	Bushels.	Tons.
1888	...	...	...	...	...	...	7,450	642	3,626	5,306	5,474	1,502	5·65	1·03
1889	...	...	...	...	...	...	15,004	750	14,561	12,717	29,093	1,537	19·41	2·29
Increase in 1889							7,554	108	10,935	7,411	23,619	35	13·76	1·26
Decrease in 1889							...	...	...	...	...	...	...	...

The cultivation of oats appears to have been more successful in 1889 than in any previous year except in 1887, when the yield of grain per acre was at the rate of 24·26 bushels, but the hay production—namely, 1·81 tons per acre, was not then so good as in 1889.

BARLEY.—The cultivation of this cereal in Queensland appears to fluctuate in a manner which is difficult to explain, more especially as the results appear to be more reliable than is the case with many other crops. The yield in 1889 was fairly satisfactory. Although the production of grain was not equal to the previous five years, yet the average of both grain and hay was above that of the previous decade. The following table shows the area under this crop in 1888 and 1889:—

## G.

							Area Sown.	Reaped for Grain.	Mown for Hay.	Cut for Green Fodder.
							Acres.	Acres.	Acres.	Acres.
1888	...	...	...	...	...	...	1,082	324	202	556
1889	...	...	...	...	...	...	2,845	1,254	544	1,047
Increase in 1889							1,763	930	342	491
Decrease in 1889							...	...	...	...

MAIZE.—This, if not the staple crop of the agriculturist in Queensland, is one much depended on by them; but unfortunately the large attention it received at the farmers' hands in 1889, estimated by the number of acres sown, did not result in a successful crop. The area planted with maize in 1889, although the largest since the colony was established, gave the smallest average return yet recorded, not being quite 18 bushels to the acre. No doubt the continuously showery wet season, together with the heavy floods which visited the colony in 1889, and which were most severe in some of the large maize-producing districts, largely contributed to this result. In some cases the whole crop on a large number of farms was completely swept away by the flood. The following is a comparative statement of the produce of this crop in the years 1888 and 1889:—

## H.

							Grain.		Green Fodder.
							Acres.	Bushels.	Acres.
1889	...	...	...	...	...	...	97,698	1,743,051	1,316
1888	...	...	...	...	...	...	85,966	2,181,681	1,539
Increase in 1889							11,732	...	...
Decrease in 1889							...	438,630	223

A table is subjoined which gives, in order of importance connected with the cultivation of this cereal, the results of maize culture in 1889 in the districts where it is principally grown:—

## I.

Police District.				Area Planted for Grain.			Yield of Grain.			Average Yield per Acre.		
				In 1888.	In 1889.	Increase * or Decrease †	In 1888.	In 1889.	Increase * or Decrease †	In 1888.	In 1889.	Increase * or Decrease †
				Acres.	Acres.	Acres.	Bushels.	Bushels.	Bushels.	Bushels.	Bushels.	Bushels.
Gatton	...	...	...	13,836	19,878	*6,042	327,486	292,365	† 35,121	23·67	14·71	† 8·96
Normanby	...	...	...	8,131	9,569	*1,438	186,017	132,724	† 53,293	22·88	13·87	† 9·01
Warwick	...	...	...	6,413	8,950	*2,537	176,688	117,411	† 59,277	27·55	13·12	†14·43
Bundaberg	...	...	...	5,688	5,974	* 286	144,989	188,852	* 43,863	25·49	31·61	* 6·12
Highfields	...	...	...	4,635	5,496	* 861	132,827	40,329	† 92,498	28·66	7·34	†21·32
Allora	...	...	...	4,198	5,220	*1,022	54,535	38,719	† 15,816	12·99	7·42	† 5·57
Toowoomba	...	...	...	6,040	5,169	† 871	125,895	52,729	† 73,166	20·84	10·20	†10·64
Marburg	...	...	...	8,868	4,215	†4,653	215,392	34,010	†181,382	24·29	8·06	†16·23
Brisbane	...	...	...	3,927	4,206	* 279	113,931	93,030	† 20,901	29·01	22·11	† 7·90
Logan	...	...	...	3,633	4,069	* 436	94,769	98,583	* 3,814	26·09	24·22	† 1·87
Maryborough	...	...	...	2,580	3,415	* 835	68,776	105,209	* 36,433	26·65	30·80	* 4·15
Tiaro	...	...	...	2,101	2,258	* 157	66,226	54,414	† 11,812	31·52	24·09	† 7·43
Ipswich	...	...	...	2,221	2,147	† 74	65,804	32,020	* 33,784	29·63	14·91	†14·72
Esk	...	...	...	1,735	1,934	* 199	48,863	36,517	† 12,346	28·16	18·87	† 9·29
Gympie	...	...	...	1,756	1,820	* 64	49,597	54,899	* 5,302	28·24	30·16	* 1·92
Nerang	...	...	...	1,413	1,616	* 203	44,704	45,880	* 1,176	31·64	28·39	† 3·25
Cairns	...	...	...	999	1,469	* 470	41,079	73,787	* 32,708	41·12	50·23	* 9·10
Ayr	...	...	...	...	1,202	*1,202	...	33,962	* 33,962	...	28·25	*28·25
Douglas	...	...	...	1,137	1,167	* 30	63,075	42,630	† 20,445	55·47	36·44	†19·03
Goodna	...	...	...	1,171	992	† 179	38,341	9,867	† 28,474	32·74	10·95	†21·79



An examination of the above will show the districts in which the falling-off was greatest. Highfields, which in 1888 had 4,635 acres under maize, and 5,496 in 1889, an increase in area of 861 acres, only produced from the larger area 40,329 bushels, as against 132,827 from the smaller one in 1888, a falling-off of over 21 bushels per acre. In Marburg, which stood second in order of importance in 1888, shows 4,653 acres less maize sown in 1889 than in the previous year, and a yield of 24·29 bushels per acre in 1888 fell to 8·06 in 1889. It will be seen that the results were also very unsatisfactory in Gatton, Allora, Warwick, Normanby, Ipswich, and Goodna. As this is a crop of such importance to our farmers, a table introduced last year is continued, from which can be ascertained the results per acre for the past four years, together with the mean production per acre for that period in the most important maize-growing districts :—

## J.

District.	Maize.—Average Yield per Acre.				Average per Acre for Four Years.
	1886.	1887.	1888.	1889.	
	Bushels.	Bushels.	Bushels.	Bushels.	Bushels.
Gatton ... ..	17·62	17·07	23·67	14·71	17·99†
Normanby ... ..	22·31	17·81	22·88	13·87	18·95†
Marburg ... ..	14·91	15·66	24·29	8·07	16·97†
Bundaberg ... ..	31·49	34·61	25·49	31·61	30·90‡
Warwick ... ..	23·93	29·02	27·55	13·12	22·09§
Toowoomba ... ..	16·21	22·72	20·84	10·20	17·58§
Logan ... ..	25·32	9·12	26·09	24·23	21·09†
Brisbane ... ..	25·89	18·39	29·01	22·12	24·09†
Highfields ... ..	14·68	25·71	28·66	7·34	18·31§
Allora ... ..	14·48	21·37	12·99	7·42	13·02§
Ipswich ... ..	21·21	23·95	29·63	14·91	22·35†
Gympie ... ..	36·68	26·65	28·24	30·16	30·34‡
Tiaro ... ..	32·45	32·54	31·52	24·10	29·88‡
Maryborough ... ..	22·27	26·51	26·65	30·80	27·14‡
Douglas ... ..	30·38	45·95	55·47	36·53	39·18
Cairns ... ..	38·86	33·56	41·12	50·23	42·50

† A district in Southern Division below the Range.

‡ A district in Wide Bay and Burnett Division.

§ A district in Southern Division above the Range.

|| A district in the Northern Division.

From this it will be seen that the results in 1889 were very satisfactory in the districts of Bundaberg, Gympie, Maryborough, Douglas and Cairns, although in these districts only some 14,000 acres were cultivated, or about one-seventh of the total area under maize. The districts of Douglas and Cairns show an average of 36·53 and 50·23 bushels per acre respectively, being the best return per acre in 1889. The next best average was in the district of Bundaberg—viz., 31·61, and Maryborough and Gympie districts came next with an average of 30·80 and 30·16 respectively. The districts of Logan, Brisbane, and Tiaro show a fair average return; whilst in Marburg, Highfields and Allora, the yield was so poor that the crop may be correctly classed as a failure, and in the districts of Gatton, Normanby, Warwick, Toowoomba, and Ipswich the average was also wretchedly poor, amounting to little more than half the average crop in previous years. In the Southern portion of the colony, maize on the whole appears to have suffered from a variety of causes, irrespective of the direct destruction caused by floods. Both blight and rust occurred in many places and occasioned serious loss, and in Gatton district it appears the late crops were in many cases destroyed by frost. As this is a district which contributes nearly 20,000 acres to the maize production of the colony, the loss thus caused had, no doubt, a marked effect on the aggregate returns of the Southern districts. In the Normanby and Warwick districts an area of about 9,000 acres each was planted with maize, but the return was very poor, amounting to an average of little more than 13 bushels to the acre.

The following statement shows the average production of maize per acre in the Northern and Southern divisions of the colony respectively :—

## K.

Districts, where Situated.				Percentage of Yield per Acre. (Average 1886-9.)
Southern Division	{	Below the Range	...	19·21
		Above the Range	...	18·30
		Wide Bay and Burnett	...	29·90
Northern Division		(Above Townsville)	...	40·50

This shows that the maize planted in the North gives twice as good a result to the farmer for his labour as in Southern Queensland, the cultivator in the Wide Bay and Burnett districts securing an intermediate return about half way between the two. It is to be expected that the rich virgin scrub lands on the Northern coastal rivers, aided by the seasonable rainfall which usually takes place in that portion of the colony, would produce better results than could be obtained from the continuously cropped lands of the South; but were a better system of farming adopted in the Southern districts, and more attention paid to the proper rotation of crops, the average yield would be less disappointing to the agriculturist. The same remarks apply to the Wide Bay district, although, as the land in that part has been more recently occupied by the farmer, the effects of a bad system of farming are not yet so apparent as in districts further South. A few years since the choice scrub lands of the Mary, Isis, and Burnett yielded crops of maize abnormal in quantity, and even yet, in isolated instances, most extraordinary

results

results are obtained from some of these farms, nearly always, however, from virgin soil, showing the capabilities of both climate and soil if the latter is properly and scientifically cultivated; but a better and more scientific system of cultivation must obtain in future if farmers expect to secure a continuance of such results.

**RICE.**—This crop, which, during the dry seasons prior to 1887 experienced in the Southern, Central, and all the Western portions of the Colony, made considerable progress in the Northern coastal districts, where the rainfall had been greater, was severely affected by the dry weather latterly experienced in the North. From Bowen northwards, during the years 1888 and 1889 the plant under these conditions grew in a weak and spindly manner, and thus became more subject to rust with which it was severely attacked in the years under review.

The extent to which this crop has been grown for the past four years is as under:—

					Acres.		lb.
1886	...	...	...	...	887	...	1,741,320
1887	...	...	...	...	515	...	1,319,920
1888	...	...	...	...	497	...	980,424
1889	...	...	...	...	249	...	230,781

This shows that rice cultivation does not progress in this Colony, and whether this is caused by unremunerative returns or the cost of production, it is a matter of regret that it cannot be successfully produced, as the value of our importation of this article of consumption averages about £40,000 per annum, a sum well worth saving by the Northern agriculturists. There does not appear to be any climatic reason against the production of this cereal, at least to the extent of our own requirements, and, from the returns per acre shown in table L in the districts of Cook, Mackay, and Cairns, it should be a remunerative crop at the price paid for rice in this country.

I append a statement showing in geographical arrangement the districts where rice cultivation obtained in 1889, the area sown, and the quantity produced per acre.

L.

District.				Position in the Colony.				Area Planted.	Quantity Produced.	Average Yield per Acre.
								Acres.	lb.	lb.
Cairns	...	...	...	Northern Division, Sea-coast	...	...	...	146	143,380	982·05
Cook	...	...	...	"	"	"	...	10	28,400	2840·00
Douglas	...	...	...	"	"	"	...	83	53,920	649·64
Mackay	...	...	...	"	"	"	...	3	5,081	1692·67
Logan	...	...	...	Southern Division, Sea-coast	...	...	...	7	Nil	Nil
				TOTAL	...	...	...	249	230,781	926·83

Although the falling-off of rice cultivation was especially noticable in Douglas district, it was at the same time to a greater or less extent apparent in all the Northern districts. In 1888 this cereal was grown to a small extent in some of the Southern district—namely, Warwick, Toowoomba, Nanango, and Gympie, but the result was evidently unsatisfactory as it ceased to be cultivated there in 1889.

**ENGLISH POTATOES.**—A considerably diminution in the acreage planted with this tuber in 1889 is apparent—namely, 854 acres. Probably the very unsatisfactory returns obtained from this crop in 1888 prevented farmers from planting so largely in 1889 as in previous years. The yield per acre in 1889 was, however, much above the average of the previous six years, being 10,650 tons from the 4,484 acres planted, or at the rate of 2·38 tons per acre. As potatoes to the extent of 17,372 tons, valued at £94,117, were imported into Queensland in 1889, mostly from adjoining colonies, where like conditions as to labour exist, it is difficult to understand why our farmers, protected at least to the extent of freight and duty, do not pay more attention to the crop so to satisfy local requirements.

**SWEET POTATOES.**—This root was more largely grown last year than in any preceding one, and the results were fairly satisfactory. In 1889, 2,701 acres were planted, against 1,965 acres in 1888, producing 15,239 tons, compared with 10,592 in 1888. This return was equal to 5·64 tons per acre in 1889, and 5·39 in 1888. The average return per acre in 1889 was unfavourably affected by the inclusion of some large areas planted on the islands in Torres Straits, from which very poor results were obtained. Special inquiry having been made as to the cause it was ascertained that the area referred to had been planted by natives, who cultivate the crop in a patchy sort of way over large areas, the result being indifferent, and even then the average yield per acre cannot be obtained from them in a manner to be relied upon. The range over which this crop is being cultivated appears to be extending, which proves that its value as a vegetable for consumption by man, as well as by live stock, is becoming more and more appreciated, both the root and the top being edible. As food for live stock of all kinds it is most valuable, and, probably in consequence of the scarcity, bad quality, and high price of English potatoes during the drought, it has come more into favour as a table vegetable.

**COTTON.**—The revival of the cultivation of this crop, to which I referred in my last report, did not take place in 1889; but as a company has been now formed to start a cotton mill for the manufacture of the raw material into calico, no doubt farmers in West Moreton will now be induced to turn their attention to this crop during the present season. One acre, producing 7 lbs., grown in the Gympie district, was the sole cultivation of this crop during 1889.

**SUGAR.**—The falling-off in the cultivation of sugar-cane apparent during the last few years, was slightly checked during 1889—49,741 acres were placed under this crop last year, compared with 47,340 in 1888, showing an increase of 2,401 acres. The area crushed, however—namely, 29,438 acres—was not quite so large in the former as in the latter year.



The following comparative statement shows certain results relative to the sugar industry for the last two years :—

## M.

Year.					Area under Cane.	Area Crushed.	Total Yield.	Average Yield per Acre.
					Acres.	Acres.	Tons.	Tons.
1888	...	...	...	...	47,340	32,375	34,659	1·07
1889	...	...	...	...	49,741	29,438	40,169	1·36
Increase in 1889					2,401	...	5,510	0·29
Decrease in 1889					...	2,937	...	...

In order to show the districts which principally contributed to the improvement in area planted and in the yield obtained, a statement is subjoined containing a comparison drawn between the results of the crop in the years 1888 and 1889 in each sugar-producing district :—

## N.

Police District.					Cultivation.			Production.					
					Area in 1888.	Area in 1889.	Increase * or Decrease† in 1889.	1888.		1889.		Increase* or Decrease† in 1889.	
								Area Crushed.	Produce.	Area Crushed.	Produce.	Area Crushed.	Produce.
					Acres.	Acres.	Acres.	Acres.	Tons.	Acres.	Tons.	Acres.	Tons.
Ayr	...	...	...	...	2,050	2,545	* 495	1,393	1,040	1,914	3,225	* 521	* 2,185
Brisbane	...	...	...	...	32	5	† 27	...	...	...	...	...	...
Bundaberg	...	...	...	...	13,088	14,339	* 1,251	8,754	14,207	7,384	9,499	† 1,370	† 4,708
Caboolture	...	...	...	...	281	214	† 67	171	158	80	60	† 91	† 98
Cairns	...	...	...	...	1,554	1,500	† 54	1,189	1,938	1,400	1,700	* 211	† 238
Cleveland	...	...	...	...	...	143	* 143	...	...	83	155	* 83	* 155
Cook	...	...	...	...	438	567	* 129	317	520	300	333	† 17	† 187
Douglas	...	...	...	...	67	4	† 63	...	...	...	...	...	...
Gatton	...	...	...	...	...	31	* 31	...	...	...	...	...	...
Ingham	...	...	...	...	4,937	5,768	* 831	3,323	4,450	4,033	6,741	* 710	* 2,291
Inglewood	...	...	...	...	...	5	* 5	...	...	...	...	...	...
Ipswich	...	...	...	...	...	12	* 12	...	...	...	...	...	...
Logan	...	...	...	...	1,182	963	† 219	688	692	208	198	† 480	† 494
Mackay	...	...	...	...	15,861	15,729	† 132	11,539	5,464	10,592	13,003	† 947	* 7,539
Marburg	...	...	...	...	241	202	† 39	...	...	100	100	* 100	* 100
Maryborough	...	...	...	...	3,132	2,654	† 478	2,181	2,304	360	287	† 1,821	† 2,017
Mourilyan	...	...	...	...	3,617	4,173	* 556	2,209	3,450	2,541	4,634	* 332	* 1,184
Nerang	...	...	...	...	151	35	† 116	105	24	35	16	† 70	† 8
Normanby	...	...	...	...	11	12	* 1	...	...	...	...	...	...
Rockhampton	...	...	...	...	468	601	* 133	397	350	252	140	† 145	† 210
Somerset	...	...	...	...	...	2	* 2	...	...	...	...	...	...
Tiaro	...	...	...	...	230	236	* 6	109	62	156	78	* 47	* 16
Townsville	...	...	...	...	...	1	* 1	...	...	...	...	...	...
Totals, 1888	...	...	...	...	47,340	...	...	32,375	34,659	...	...	...	...
Totals, 1889	...	...	...	...	...	49,741	...	...	...	29,438	40,169	...	...
Total Increase in 1889					...	...	* 3,596	...	...	...	...	* 2,004	* 13,470
Total Decrease in 1889					...	...	† 1,195	...	...	...	...	† 4,941	† 7,960
Net Increase in 1889					...	...	* 2,401	...	...	...	...	...	* 5,510
Net Decrease in 1889					...	...	...	...	...	...	...	† 2,937	...

This shows that Bundaberg, Ingham, Mourilyan, and Ayr were the places in which the largest increase in area planted occurred, and that they contributed 3,133 acres towards the increase in area under sugar, whilst the districts of Maryborough (478 acres), Logan (219 acres), Mackay (132 acres), and Nerang (116 acres), are the localities in which the principal decreases in the area planted are observable. Relative to the area crushed, there was a decrease in the whole Colony in 1889 of 2,937 acres, and the principal decreases appear in the following districts :—Maryborough, 1,821 acres; Bundaberg, 1,370 acres; Mackay, 947 acres; and Logan, 480 acres. In Ingham, Ayr, Mourilyan, Cairns, Marburg, Cleveland, and Tiaro districts an increased area was crushed in that year, amounting in all to 2,004 acres. It is satisfactory to observe that a much larger quantity of sugar was produced from the smaller area crushed in 1889—viz., 29,438 acres, amounting to 40,169 tons, compared with 34,659 tons from 32,375 acres in 1888. The sugar produced in 1889 as above, taken at the export value of sugar last year, may be fairly estimated as being worth £568,454. The best result per acre would appear to have been obtained in the district of Cleveland—namely, 1·86 tons per acre; but this was on a small acreage (83 acres), and probably was a choice patch. The produce from Mourilyan cane came very near to this result, with 1·82; the next was Ayr, with 1·68; then Ingham, with 1·67; followed by Bundaberg, Mackay, and Cairns, with 1·28, 1·22, and 1·21 tons per acre respectively. The floods in the Mary River were very destructive

destructive to sugar cane in 1889, considerable areas having been totally swept away, consequently the returns from the Mary River district show a large decrease in the area crushed, and the yield per acre—viz., Maryborough of 0·80 tons and Tiaro 0·50 tons to the acre—was very poor. The Logan district, at one time a foremost place in the production of sugar, only showed 208 acres as having been crushed in 1889, giving an average yield of only 0·95 tons per acre.

**ARROWROOT.**—The manner in which the cultivation of this crop fluctuates appears difficult of explanation. In 1889 the growth of this root appears to have given better results than in any of the preceding ten years. Although the area planted—210 acres—was not so great as on several previous occasions, yet the yield of 583,988 lbs. exceeded that of any year during the past decade, and the average produce per acre in 1889—viz., 2780·90 lbs. per acre—is consequently greater than has been previously obtained.

The following statement shows the production and export of this commodity, with value taken at that declared at time of exportation:—

## O.

Year.	Production.			Export.			Total Value of Exports.	Price per Ton, approximate, of Exports.	
	lbs.			lbs.			£	£	
1880 ... ..	280,388	...	...	231,583	...	...	3,999	...	39
1881 ... ..	311,309	...	...	257,164	...	...	3,518	...	31
1882 ... ..	253,492	...	...	225,219	...	...	3,493	...	35
1883 ... ..	390,964	...	...	262,683	...	...	4,966	...	42
1884 ... ..	574,768	...	...	302,584	...	...	5,955	...	44
1885 ... ..	551,912	...	...	405,390	...	...	6,369	...	35
1886 ... ..	463,900	...	...	211,636	...	...	3,576	...	38
1887 ... ..	216,184	...	...	338,313	...	...	5,453	...	36
1888 ... ..	254,870	...	...	318,044	...	...	4,642	...	33
1889 ... ..	583,988	...	...	280,337	...	...	4,221	...	34

The value to the farmers of the whole crop in 1889, taken at the export value, would therefore be not much less than £9,000, or nearly £43 per acre, a result one would think sufficiently good to induce a far more extensive cultivation of this crop than at present obtains.

**VINES.**—The vigneron may be considered to have met with fair success in 1889; the area under vines (1,763 acres) is larger than that of any preceding year, and the acreage returned as unproductive (317 acres), mostly young vineyards which have not reached bearing, points to a further prosecution of this branch of agriculture on a considerable scale.

The subjoined statement furnishes a view of the state of this agricultural industry during the past five years:—

## P.

Year.	Area planted with Vines.			Gallons of Wine made.	Lbs. of Grapes used for the Table.
	Which was Productive.	Which was Unproductive.	Total.		
1885 ... ..	1,110	373	1,483	133,298	1,013,157
1886 ... ..	1,165	352	1,517	147,410	1,467,005
1887 ... ..	1,262	396	1,658	118,672	1,765,998
1888 ... ..	1,432	271	1,703	144,239	1,835,831
1889 ... ..	1,446	317	1,763	164,626	1,967,667

From this it will be observed that 20,387 gallons of wine and 131,836 lbs. of grapes were produced in 1889 over and above the quantities obtained in 1888.

Although by reference to Tables V. and VI. in the Appendix the progress of viticulture in Queensland may be studied in detail, the following table gives these particulars in a more concise and simple form and shows the districts where the vine is principally cultivated:—

## Q.

Police District.	Total Area under Vines.			Quantity of Wine made.			Lbs. of Grapes used for the Table.		
	In 1888.	In 1889.	Increase* or Decrease† in 1889.	In 1888.	In 1889.	Increase* or Decrease† in 1889.	In 1888.	In 1889.	Increase* or Decrease† in 1889.
	Acres.	Acres.	Acres.	Gallons.	Gallons.	Gallons.	Lbs.	Lbs.	Lbs.
Roma ... ..	410	449	*39	18,558	13,888	+ 4,670	545,988	355,396	+190,592
Brisbane ... ..	368	316	+52	21,350	23,220	* 1,870	603,753	547,885	+ 55,868
Toowoomba ... ..	187	195	* 8	38,787	61,249	*22,462	130,602	422,964	*292,362
Warwick ... ..	147	162	*15	14,009	14,425	* 416	137,400	100,042	+ 37,358
Ipswich ... ..	75	77	* 2	11,408	10,200	+ 1,208	57,030	54,970	+ 2,060
Gatton ... ..	50	83	*33	4,450	11,897	* 7,447	28,960	38,050	* 9,090
Logan ... ..	56	64	* 8	9,890	8,779	+ 1,111	9,460	10,542	* 1,082
Maryborough ... ..	36	44	* 8	400	800	* 400	45,849	44,594	+ 1,255
Normanby ... ..	36	40	* 4	7,796	3,416	+ 4,380	3,440	5,906	* 2,466
Allora ... ..	38	35	+ 3	2,113	1,369	+ 744	26,891	27,378	* 487
Caboolture ... ..	19	14	+ 5	3,025	376	+ 2,649	...	3,240	* 3,240
Highfields ... ..	25	30	* 5	2,442	3,734	* 1,292	15,940	49,262	* 33,322
Cleveland ... ..	28	30	* 2	2,040	3,556	* 1,516	23,730	28,530	* 4,800
Marburg ... ..	39	30	+ 9	3,663	2,075	+ 1,588	19,084	3,617	+ 15,467
Stanthorpe ... ..	13	20	* 7	230	300	* 70	17,564	37,620	* 20,056
Nerang ... ..	11	13	* 2	680	860	* 180	7,446	6,696	+ 750



It will be perceived that the increase in acreage in the whole Colony has been, with a few exceptions, fairly contributed to by each district. Roma, with 39 acres, showing the largest increase, and Brisbane, with 52 acres, the most important decrease. With regard to the decrease in the latter district it must be considered that land there is becoming too valuable to be used for the purpose of vineyards and that consequently small farms in the suburbs are from time to time being utilised for building and other purposes, to the extinction of viticulture so far as such areas are concerned. Although Roma district returns the largest area planted, yet the yield shows a large falling off both in wine and table grapes, amounting to 25 per cent. in the former case and 35 per cent. in the latter. The district in which the greatest increased production was shown in 1889 is Toowoomba, where 22,462 gallons more wine was manufactured and 292,362 lbs. more grapes were gathered than in the previous year—an increased average production per acre of 307 gallons of wine and 2,113 lbs. of grapes. Warwick district shows a small increase in the production of wine but a very considerable diminution in the yield of table grapes; whilst Stanthorpe, an adjoining district, on the other hand, exhibits a large increase in the quantity of grapes produced, the increased production of wine there, however, was only nominal. In Highfields district, which adjoins Toowoomba, there is a satisfactory increase both in the amount of wine made and the quantity of grapes gathered in 1889; 1,290 gallons more wine was made there and 33,322 lbs. more grapes were gathered than in the previous year.

**OTHER FRUITS (Bananas, Pineapples, and Oranges).**—The cultivation of the fruits above-mentioned increased to a fair extent in 1889. With respect to Bananas this is especially the case, but of the additional area (1,062 acres) planted with bananas during 1889, 532 acres were returned from the district of Somerset. This large acreage, however, only produced 253,080 dozen of bananas, or an average of 476 dozen to each acre, less than one-third of the average of the Colony, because the greater part was cultivated by Torres Straits Islanders in a patchy and indifferent manner. The unsatisfactory results from the large area referred to of course affects the general average of this crop for 1889, the area in question amounting to as much as 16 per cent. on the gross acreage so planted. The total quantity of this fruit produced in 1889 showed a very considerable decrease on that of the previous year, amounting to no less than 1,327,341 dozen. This will be better seen from the following statement:—

## R.

Year.	Bananas.		Pineapples.		Oranges.	
	Area Planted.	Total Yield.	Area Planted.	Total Yield.	Area Planted.	Total Yield.
	Acres.	Dozen.	Acres.	Dozen.	Acres.	Dozen.
1889 ... ..	3,232	4,993,517	628	227,785	1,194	560,564
1888 ... ..	2,220	6,320,858	581	187,747	1,068	742,417
Increase in 1889 ... ..	1,062	...	47	40,038	126	...
Decrease in 1889 ... ..	...	1,327,341	...	...	...	181,853

As bananas rank at least second in importance at the present time amongst our fruits, I append a small table showing a comparison between results of the production in 1888 and 1889 in the districts where that fruit is principally cultivated:—

## S.

District.	Area.		Production.		Increase* or Decrease† 1889.	
	1888.	1889.	1888.	1889.	Area.	Production.
	Acres.	Acres.	Dozen.	Dozen.	Acres.	Dozen.
Caboolture ... ..	183	160	266,082	285,142	† 28	* 19,060
Cairns ... ..	524	828	1,020,890	1,495,768	* 304	* 474,878
Cleveland ... ..	301	580	508,304	769,056	* 279	* 260,752
Cook ... ..	95	84	722,180	88,365	† 11	† 633,815
Douglas ... ..	245	110	701,512	260,150	† 135	† 441,362
Logan ... ..	231	128	653,257	30,948	† 103	† 622,309
Mackay ... ..	47	86	5,118	74,943	* 39	* 69,825
Maryborough ... ..	151	187	1,811,423	157,598	* 36	† 1,653,825
Mourilyan ... ..	136	247	343,686	1,046,014	* 111	* 702,328
Somerset ... ..	...	532	...	253,080	* 532	* 253,080
Townsville ... ..	65	72	82,783	51,260	* 7	† 31,523

From this it will be noted that Douglas and Logan show important decreases in area planted, in the latter case probably due to loss by floods; whilst Caboolture and Cook both show a falling off, but to a less extent. Setting aside Somerset, the farmers of Cairns, Cleveland, and Mourilyan have largely extended their operations in this direction; to Somerset I have already referred, but it is, I think, worth noting that if this district were left out of the calculation the yield per acre from bananas throughout Queensland would represent a rise from 1,521 dozen to 1,724 dozen—a result not so good as that for the previous three years, but much in excess of the average for the past ten years. The cultivation of this valuable fruit, for which the climatic conditions of the districts situated on the northern seaboard of this Colony are especially adapted, will, it is feared, be most prejudicially affected unless those interested in shipping afford increased facilities for transport to the southern markets. As the carriage is at present conducted, the irregularity of the service, the time lost in transit, and the careless way in which the fruit is handled, frequently results in a partial and sometimes in a total loss of the consignment—a loss which falls altogether on the producer; in addition to which is the direct additional monetary loss of freight and other charges which have been paid on fruit whether delivered in a marketable or unmarketable condition.

**PINEAPPLES.**—There was an increase both in acreage planted and in the yield of this fruit in the year under review, amounting to 47 acres and 40,038 dozen respectively. The following table shows a comparison of the result of this crop in 1888 and 1889 in the districts in which the fruit is principally grown:—

## T.

District.	1888.		1889.		Increase * or Decrease †.	
	Acres.	Dozen.	Acres.	Dozen.	Acres.	Dozen.
Bowen	8	156	12	1,668	* 4	* 1,512
Brisbane	253	99,895	239	127,039	† 14	* 27,144
Bundaberg	5	1,520	12	2,050	* 7	* 530
Caboolture	2	247	3	384	* 1	* 137
Cairns	42	6,474	44	5,195	* 2	† 1,279
Cardwell	2	1,400	7	360	* 5	† 1,040
Charters Towers	17	3,718	16	1,984	† 1	† 1,734
Cleveland	54	8,154	109	13,975	* 55	* 5,821
Cook	29	4,346	31	4,241	* 2	† 105
Douglas	32	12,290	5	2,800	† 27	† 9,490
Etheridge	1	14	...	...	† 1	† 14
Gladstone	2	372	3	533	* 1	* 161
Herberton	1	268	2	507	* 1	* 239
Highfields	...	...	1	4,000	* 1	* 4,000
Ingham	7	1,248	6	1,227	† 1	† 21
Ipswich	2	1,030	2	1,003	...	† 27
Logan	4	800	3	100	† 1	† 700
Mackay	24	6,938	34	31,205	* 10	* 24,267
Marburg	...	...	1	...	* 1	...
Maryborough	24	10,823	27	11,518	* 3	* 695
Mourilyan	13	3,081	20	1,698	* 7	† 1,383
Nerang	4	402	2	1,132	† 2	* 730
Normanby	1	400	...	...	† 1	† 400
Palmer	1	500	2	2,333	* 1	* 1,833
Rockhampton	14	5,681	16	4,202	* 2	† 1,479
St. Lawrence	...	...	1	510	* 1	* 510
Somerset	...	...	1	17	* 1	* 17
Thornborough	5	752	3	534	† 2	† 218
Tiaro	3	315	5	764	* 2	* 449
Townsville	31	16,923	19	6,806	† 12	† 10,117
TOTAL	581	187,747	626	227,785	* 107	* 68,045
					† 62	† 28,007
Total Increase* or Decrease†	...	...	...	...	* 45	* 40,038
Average	...	323·14	...	362·87	...	39·73

With the exception of Cleveland district, in which an addition of 55 acres was planted, the increase in cultivation in 1889 was small. The principal increase in produce appears in the Brisbane, Mackay, Townsville, and Douglas districts, in the order named. In Douglas district the decrease in acreage planted is the most important—viz., 27 acres. Brisbane and Townsville show decreases next in importance—namely, 14 and 12 acres respectively.

**ORANGES.**—The cultivation of this fruit was not successful in 1889, for although there was a small increase in the acreage planted, yet, from some unexplained cause, there was a very heavy falling off in the quantity of fruit gathered, consequently the average per acre was greatly reduced. This will be best seen from the following statement:—

Year.	Acres.	Dozens.	Yield per Acre.
1888	1,068	742,417	695·15
1889	1,194	560,564	329·74

This shows that the yield of oranges was not half so good in 1889 as in the preceding year. Of course in crops like oranges, where trees take some years before coming into bearing, the newly-planted area



area will not contribute to the yield for some time, but when the acreage planted is progressive year by year the comparative failure of the crop in 1889 cannot be attributed to a large area as yet unproductive. To show in which districts the decrease is most apparent, I subjoin the following table:—

## U.

District.	Area.		Production.		Increase * or Decrease † in 1889.	
	1888.	1889.	1888.	1889.	Area.	Production.
	Aores.	Aores.	Dozen.	Dozen.	Aores.	Dozen.
Bundaberg ... ..	11	25	3,951	26,080	* 14	* 22,129
Bowen ... ..	95	80	20,780	44,440	† 15	* 23,660
Brisbane ... ..	74	76	116,558	51,652	* 2	† 64,906
Caboolture ... ..	5	11	3,200	4,800	* 6	* 1,600
Cairns ... ..	124	170	2,059	29,930	* 46	* 27,871
Cardwell ... ..	3	20	...	5,450	* 17	* 5,450
Cleveland ... ..	63	89	37,270	16,210	* 26	† 21,060
Cook ... ..	40	37	50,051	2,820	† 3	† 47,231
Douglas ... ..	85	86	27,423	31,225	* 1	* 3,802
Emerald ... ..	...	9	...	23,200	* 9	* 23,200
Gatton ... ..	44	48	59,400	41,467	* 4	† 17,933
Gladstone ... ..	10	11	5,756	5,114	* 1	† 642
Gympie ... ..	16	14	6,100	5,440	† 2	* 660
Herberton ... ..	16	13	2,280	5,540	† 3	* 3,260
Highfields ... ..	28	32	55,767	19,560	* 4	† 36,207
Ingham ... ..	21	10	580	212	† 11	† 368
Ipswich ... ..	22	17	7,160	10,820	† 5	* 3,660
Logan ... ..	10	15	5,590	5,860	* 5	* 270
Mackay ... ..	20	25	3,621	18,257	* 5	* 14,636
Maryborough ... ..	137	141	65,710	83,288	* 4	* 17,578
Mourilyan ... ..	14	21	210	310	* 7	* 100
Nerang ... ..	10	23	1,732	3,866	* 13	* 2,134
Rockhampton ... ..	82	84	35,662	34,550	* 2	† 1,112
Roma ... ..	35	27	2,051	1,242	† 8	† 809
Tiaro ... ..	12	19	5,320	8,567	* 7	* 3,247
Toowoomba ... ..	42	37	182,680	43,087	† 5	† 139,593
Townsville ... ..	22	17	16,280	23,345	† 5	* 7,065

The Brisbane, Cook, Highfields, Cleveland, Gatton, and Toowoomba districts all show large reductions in the quantity of oranges produced, especially the last-named district, the aggregate decrease in the districts referred to amounting to 326,930 dozen. In the Toowoomba and Cook districts a small reduction in the area under oranges is apparent, but in the other four a slightly increased area is returned. To counterbalance the heavy decreases referred to, Cairns, Bowen, Emerald, Bundaberg, Maryborough, and Mackay districts contribute increases amounting to 27,871 dozen, 23,660 dozen, 23,200 dozen, 22,129 dozen, 17,578 dozen, and 14,636 dozen, respectively, an aggregate increase of 129,074 dozen.

**TOBACCO.**—The area planted with tobacco in 1889 was more than double that of 1888, being 266 acres in the former and 123 acres in the latter year, but the yield was not so good, having been 2,531 cwt. in 1889 compared with 1,418 cwt. in 1888, equal to 9.52 cwt. per acre in the former and 11.53 cwt. in the latter year. As steps are now being taken by the Agricultural Department to import tobacco seed of the best quality and most suited for growth in this Colony, no doubt increased interest will be taken in the cultivation of this important crop.

**SOWN GRASSES.**—Under this designation is included all kinds of grasses sown by the farmer and harvested either as hay, or used as green food for cattle. Where the area artificially sown with grasses is subsequently used for grazing purposes the land so used is included in a separate return under the head of “Artificially Sown Pasture,” and is excluded from the schedule of land cultivated under sown grasses utilised for crops of hay, &c. Of the various grasses planted for the last-mentioned purpose, the area and the yield per acre under two—lucerne and panicum—are separately collected and compiled, all other kinds being collated as one under the term “Other Sown Grasses.” Full details regarding these crops will be found on reference to Tables V. and VI. of the Appendix; but to facilitate a comparison between results of the crops in 1888 and 1889 respectively, the following statement has been prepared:—

## V.

Year.	Lucerne.			Panicum.			Other Sown Grasses.		
	Hay.		For Green Food for Cattle.	Hay.		For Green Food for Cattle.	Hay.		For Green Food for Cattle.
	Aores.	Tons.		Aores.	Tons.		Aores.	Tons.	
1888 ... ..	13,798	23,922	5,986	1,273	2,150	298	206	370	454
1889 ... ..	22,848	38,968	3,462	1,981	3,734	362	201	353	1,387
Increase in 1889 ...	9,050	15,046	...	708	1,584	64	...	...	933
Decrease in 1889 ...	...	...	2,524	...	...	...	5	17	...

**PASTURE (Artificially planted).**—The land thus treated has increased in 1889 to the extent of 8,528 acres—namely, from 7,592 acres in 1888 to 16,120 acres in 1889. The following are the districts in which the area of artificially-sown pasture exceeds 1,000 acres:—Allora, 3,115; Cairns, 2,082; Dalby, 1,455; Toowoomba, 1,790; and Warwick, 5,981.

ENSILAGE.

ENSILAGE.—This mode of preserving the surplus green fodder resulting from the favourable season in 1889 appears to have received considerable attention during that year. No doubt the success attending this method of preserving fodder for winter use in older agricultural countries has induced farmers and others in Queensland to adopt it more extensively. 2,200 tons of ensilage were laid down last year in the following districts:—In Brisbane, 35 tons; Bundaberg, 150; Cook, 14; Dalby, 170; Eidsvold, 12; Esk, 80; Gatton, 139; Goodna, 5; Goondiwindi, 30; Gympie, 1; Mackay, 20; Maryborough, 106; Rockhampton, 292; Stanthorpe, 10; St. Lawrence, 1; Townsville, 10; Toowoomba, 960; Warwick, 165. This shows that ensilage making was conducted over a very extended area, and in districts having wide ranges of climate and temperature.

The Government Printer having been enabled to undertake printing the Blue Book and Statistical Register at an earlier period of the year than usual, these publications were completed in time to lay them on the table of the House at the opening of Parliament; but it was only by great exertion that the necessary particulars were collected and compiled by my officers in time for this to be accomplished. The need for some statutory means of compelling attention to official requirements for statistical information makes itself felt more and more, so many obstacles are thrown in the way of my department by persons failing to supply returns when asked for. As no penalty attaches to such refusal or neglect, these difficulties will never be removed until statutory power is given to compel those from whom the necessary information is required to furnish it accurately and speedily when called upon to do so. The subject has been brought by me repeatedly under the attention of the Government, and a Bill for the purpose was drafted in 1888, but has not yet been laid before Parliament. The early publication of statistical information of an accurate and reliable nature is a matter of such importance to the interests of this Colony that I am induced to bring the matter to which I have referred prominently under your notice.

I have the honour to be,

Sir,

Your obedient servant,

WILLIAM T. BLAKENEY,  
Registrar-General.

Registrar-General's Office,  
Brisbane, 1st August, 1890.



## APPENDIX.

## LIVE STOCK.

Table No. I.

RETURN of the NUMBER of HORSES, CATTLE, SHEEP, and PIGS, in the several POLICE DISTRICTS of the Colony of QUEENSLAND, on the 31st December, 1889.

Police District.	Horses.	Horned Cattle.	Sheep.	Pigs.
Adavale	2,390	41,225	545,264	226
Allora	5,362	11,496	95,288	949
Aramac	2,768	24,001	766,587	21
Arrillalah	3,761	37,421	833,529	20
Augathella	1,749	36,721	329,326	89
Ayr	2,668	31,502	108	222
Banana	3,677	81,796	13,254	20
Barcaldine	2,592	37,657	250,230	320
Blackall	3,529	5,639	1,074,306	273
Bollon	1,979	29,405	206,787	137
Boulia	4,027	177,787	140,993	10
Bowen	8,506	189,953	9,904	421
Brisbane	13,380	31,369	2,938	8,644
Bundaberg	6,015	65,022	2,866	3,160
Burke	3,033	103,266	15,898	129
Caboolture	3,687	24,384	1,353	1,772
Cairns	1,284	6,116	54	869
Camooeal	1,559	29,170	13,821	79
Cape River	4,171	97,443	104	491
Cardwell	742	10,631	...	67
Charleville	3,230	61,115	409,985	540
Charters Towers	9,275	150,460	2,383	3,029
Clermont	9,204	142,128	582,637	738
Cleveland	842	2,463	341	566
Cloncurry	5,028	192,577	260,700	439
Condamine	3,292	22,556	41,644	380
Cook	3,450	54,640	55	1,112
Crow's Nest	1,249	10,876	...	205
Croydon	1,027	33,397	...	167
Cunnamulla	4,833	99,306	634,987	336
Dalby	8,171	32,406	526,547	1,470
Diamantina	3,279	144,769	200	11
Douglas	646	1,599	7	337
Eidsvold	984	43,712	10,333	11
Emerald	2,385	38,825	226	494
Esk	6,590	56,810	1,315	2,260
Etheridge	2,957	88,832	2	223
Eulo	847	70,154	18,400	9
Gatton	9,642	33,081	1,197	6,454
Gayndah	4,494	111,065	13,306	337
Gilbert	310	88	...	27
Gladstone	4,248	94,899	4,007	294
Goodna	697	2,637	100	307
Goondiwindi	1,856	11,608	194,841	108
Gympie	4,364	43,161	15,240	3,022
Herberton	3,653	45,660	450	592
Highfields	2,648	7,493	2,444	1,782
Hughenden	7,695	180,765	702,540	370
Hungerford	977	2,896	232,811	12
Ingham	3,030	35,113	422	358
Inglewood	1,688	12,551	51,248	239
Ipswich	4,389	15,135	564	2,829
Isisford	1,779	17,659	662,500	58
Leyburn	766	2,895	40,740	109
Logan	9,111	46,318	1,277	4,686
Mackay	8,170	63,722	100	1,629
Marburg	1,142	2,809	130	894
Maryborough	5,575	38,094	4,967	3,640
Mitchell	3,581	63,836	229,873	290
Moonie	829	15,836	1,780	15
Mourilyan	213	378	...	339
Muttaburra	3,695	65,081	1,196,717	197
Nanango	3,948	57,964	27,481	174
Nebo	3,062	59,940	1,084	124
Nerang	1,703	5,173	55	1,007
Norman	3,770	120,523	27,303	124
Normanby	6,071	24,318	22,724	3,214
Palmer	707	11,676	...	163
Ravenswood	1,219	14,354	45	376
Rockhampton	19,948	194,483	3,907	3,944
Roma	4,317	61,830	172,822	732
St. George	2,704	13,785	721,868	242
St. Lawrence	5,975	103,187	1,164	351
Somerses	194	1,518	110	296
Springsure	6,930	89,711	224,644	305
Stanthorpe	1,904	12,588	40,094	549
Surat	2,293	35,016	148,518	227
Tambo	2,322	16,346	446,925	129
Taroom	4,891	96,021	7,187	49
Tenningering	2,754	47,996	759	422
Thargomindah	6,956	244,648	411,799	212
Thornborough	2,136	42,187	...	306
Tiaro	3,459	36,497	150	1,579
Toowoomba	12,743	33,025	656,142	3,521
Townsville	4,740	25,912	2,983	1,399
Warwick	7,466	20,336	105,649	2,340
Windorah	6,641	171,468	515,893	20
Winton	4,841	100,505	781,163	93
Totals for 1889	352,364	4,872,416	14,470,095	80,730
Totals for 1888	324,326	4,654,932	13,444,005	68,994
Increase in 1889	28,038	217,484	1,026,090	11,736
Decrease in 1889	...	...	...	...

Table No. II.

RETURN of the NUMBER of CATTLE and SHEEP in the various POLICE DISTRICTS comprised in the SOUTHERN DIVISION the Colony for the Years 1888 and 1889, together with the INCREASE or DECREASE in the latter Year.

Police Districts.	Cattle.				Sheep.			
	1888.	1889.	Increase.	Decrease.	1888.	1889.	Increase.	Decrease.
Adavale ... ..	36,358	41,225	4,867	...	458,964	545,264	86,300	...
Allora ... ..	9,278	11,496	2,218	...	116,762	95,288	...	21,474
Angathella ... ..	32,359	36,721	4,362	...	313,583	329,326	15,743	...
Bollon ... ..	29,220	29,405	185	...	167,243	206,787	39,544	...
Brisbane ... ..	28,940	31,369	2,429	...	5,537	2,938	...	2,599
Bundaberg ... ..	62,632	65,022	2,390	...	1,386	2,866	1,480	...
Caboolture ... ..	26,147	24,384	...	1,763	190	1,353	1,163	...
Charleville ... ..	56,923	61,115	4,192	...	327,188	409,985	82,797	...
Cleveland ... ..	2,442	2,463	21	...	144	341	197	...
Condamine ... ..	21,671	22,556	885	...	43,608	41,644	...	1,964
Crow's Nest ... ..	11,052	10,876	...	176	68	...	...	68
Cunnamulla ... ..	103,463	99,306	...	4,157	594,170	634,987	40,817	...
Dalby ... ..	30,416	32,406	1,990	...	408,811	526,547	117,736	...
Esk ... ..	56,835	56,810	...	25	1,094	1,315	221	...
Eulo ... ..	...	70,154	...	...	...	18,400	...	...
Hungerford ... ..	68,973	2,896	4,077	...	290,723	232,811	...	39,512
Gatton ... ..	25,789	33,081	7,292	...	2,116	1,197	...	919
Eidsvold ... ..	62,542	43,712	...	18,830	9,392	10,333	941	...
Gayndah ... ..	91,166	111,065	19,899	...	9,225	13,306	4,081	...
Tenningering ... ..	44,615	47,996	3,381	...	3,439	759	...	2,680
Goodna ... ..	2,654	2,637	...	17	7	100	93	...
Goondiwindi ... ..	10,669	11,608	939	...	168,754	194,841	26,087	...
Gympie ... ..	40,607	43,161	2,554	...	3,464	15,240	11,776	...
Highfields ... ..	7,313	7,493	180	...	3,521	2,444	...	1,077
Inglewood ... ..	29,156	12,551	...	16,605	55,038	51,248	...	3,790
Ipswich ... ..	14,329	15,135	806	...	2,145	564	...	1,581
Leyburn ... ..	1,521	2,895	1,374	...	34,630	40,740	6,110	...
Logan ... ..	41,848	46,318	4,470	...	595	1,277	682	...
Marburg ... ..	9,241	2,809	...	6,432	176	130	...	46
Maryborough ... ..	34,493	38,094	3,601	...	5,743	4,967	...	776
Mitchell ... ..	59,439	63,836	4,397	...	148,092	229,873	81,781	...
Moonie ... ..	13,569	15,836	2,267	...	2,800	1,780	...	1,020
Nanango ... ..	52,609	57,964	5,355	...	24,022	27,481	3,459	...
Nerang ... ..	4,491	5,173	682	...	42	55	13	...
Normanby ... ..	20,494	24,318	3,824	...	31,663	22,724	...	8,939
Roma ... ..	52,690	61,830	9,140	...	168,199	172,822	4,623	...
St. George ... ..	18,591	13,785	...	4,806	958,076	721,868	...	236,208
Stanthorpe ... ..	11,584	12,588	1,004	...	45,074	40,094	...	4,980
Surat ... ..	30,167	35,016	4,849	...	133,717	148,518	14,801	...
Tambo ... ..	13,058	16,346	3,288	...	430,827	446,925	16,098	...
Taroom ... ..	74,696	96,021	21,325	...	22,989	7,187	...	15,802
Thargomindah ... ..	247,585	244,648	...	2,937	458,843	411,799	...	47,044
Tiaro ... ..	35,471	36,497	1,026	...	162	150	...	12
Toowoomba ... ..	20,381	33,025	12,644	...	494,797	656,142	161,345	...
Warwick ... ..	17,924	20,336	2,412	...	107,863	105,649	...	2,214
	1,665,401	1,753,978	144,325	55,748	6,054,882	6,380,065	717,888	392,705

Net increase in Cattle in the Division, 88,577.

Net increase in Sheep in the Division, 325,183.



Table No. III.

RETURN of the NUMBER of CATTLE and SHEEP in the various POLICE DISTRICTS comprised in the CENTRAL DIVISION of the Colony for the Years 1888 and 1889, together with the INCREASE or DECREASE in the latter Year.

Police Districts.	Cattle.				Sheep.			
	1888.	1889.	Increase.	Decrease.	1888.	1889.	Increase.	Decrease.
Aramac ... ..	22,616	24,001	1,385	...	713,338	766,587	53,249	...
Arrilalah ... ..	35,254	37,421	2,167	...	943,975	833,529	...	110,446
Banana ... ..	79,913	81,796	1,883	...	12,590	13,254	664	...
Barcaldine ... ..	28,795	37,657	8,862	...	221,400	250,230	28,830	...
Blackall ... ..	8,954	5,639	...	3,315	900,403	1,074,306	173,903	...
Boulia ... ..	171,491	177,787	6,296	...	139,398	140,993	1,595	...
Clermont ... ..	110,510	142,128	31,618	...	491,850	582,637	90,787	...
Diamantina ... ..	139,775	144,769	4,994	...	250	200	...	50
Emerald ... ..	30,441	38,825	8,384	...	458	226	...	232
Gladstone ... ..	94,936	94,899	...	37	3,692	4,007	315	...
Isisford ... ..	15,359	17,659	2,300	...	679,519	662,500	...	17,019
Muttaburra ... ..	74,163	65,081	...	9,082	1,125,863	1,196,717	70,854	...
Nebo ... ..	60,067	59,940	...	127	1,679	1,084	...	595
Rockhampton ... ..	186,000	194,483	8,483	...	3,099	3,907	808	...
St. Lawrence ... ..	100,560	103,187	2,627	...	1,392	1,164	...	228
Springsure ... ..	88,597	89,711	1,114	...	180,880	224,644	43,764	...
Windsorah ... ..	193,741	171,468	...	22,273	240,882	515,893	275,011	...
Winton ... ..	92,396	100,595	8,109	...	763,918	781,163	17,245	...
	1,533,568	1,586,956	88,222	34,834	6,424,586	7,053,041	757,025	128,570

Net increase in Cattle in the Division, 53,388. Net increase in Sheep in the Division, 628,455.

Table No. IV.

RETURN of the NUMBER of CATTLE and SHEEP in the various POLICE DISTRICTS comprising the NORTHERN DIVISION of the Colony for the Years 1888 and 1889, together with the INCREASE or DECREASE in the latter Year.

Police Districts.	Cattle.				Sheep.			
	1888.	1889.	Increase.	Decrease.	1888.	1889.	Increase.	Decrease.
Ayr ... ..	36,011	31,502	...	4,509	166	108	...	58
Bowen ... ..	186,774	189,953	3,179	...	9,020	9,904	884	...
Burke ... ..	80,431	103,266	22,835	...	14,641	15,898	1,257	...
Cairns ... ..	6,524	6,116	...	408	85	54	...	31
Camooeal... ..	52,815	29,170	...	23,645	16,200	13,821	...	2,379
Cape River... ..	79,133	97,443	18,310	...	644	104	...	540
Cardwell ... ..	8,109	10,631	2,522	...	...	...	...	...
Herberton ... ..	46,974	45,660	...	1,314	1,730	450	...	1,280
Charters Towers ... ..	143,206	150,460	7,254	...	363	2,383	2,020	...
Cloncurry ... ..	180,739	192,577	11,838	...	266,001	260,700	...	5,301
Cook ... ..	43,535	54,640	11,105	...	96	55	...	41
Croydon ... ..	15,948	33,397	17,449	...	...	...	...	...
Douglas ... ..	1,502	1,599	97	...	1	7	6	...
Etheridge ... ..	92,604	88,832	...	3,772	...	2	2	...
Gilbert ... ..	257	88	...	169	...	...	...	...
Hughenden... ..	160,376	180,765	20,389	...	621,551	702,540	80,989	...
Ingham ... ..	34,892	35,113	221	...	232	422	190	...
Mackay ... ..	55,525	63,722	8,197	...	11	100	89	...
Mourilyan ... ..	269	378	109	...	...	...	...	...
Norman ... ..	136,811	120,523	...	16,288	28,131	27,803	...	828
Palmer ... ..	16,625	11,676	...	4,949	...	...	...	...
Ravenswood ... ..	11,292	14,354	3,062	...	50	45	...	5
Somerset ... ..	2,127	1,518	...	609	40	110	70	...
Thornborough ... ..	32,066	42,187	10,121	...	...	...	...	...
Townsville ... ..	31,418	25,912	...	5,506	5,575	2,983	...	2,592
	1,455,963	1,531,482	136,688	61,169	964,537	1,036,989	85,507	13,055

Net increase in Cattle in the Division, 75,519. Net increase in Sheep in the Division, 72,452.

# AGRICULTURE.

## Table No. V.

RETURN showing the TOTAL EXTENT of LAND under CULTIVATION, and the AREA under each DESCRIPTION of CROP, in the several POLICE DISTRICTS of the Colony of Queensland, during the Year 1889.

Police District.	Total Extent of Land under permanent Pasture with Artificially Sown Grasses.	Total Extent of Land under Cultivation.	Land in Fallow.	Total Extent of Land under Crop.	WHEAT.			OATS.			BARLEY.			MAIZE.		Rice (Grain).	Rye, Bere, Millet.	POTATOES.			Sugar-cane.	Arrowroot.	Tobacco.	Sorghum.	SOWN GRASSES.				VINES.			Bananas.	Pine-Apples.	Oranges.	Other Crops.	Gardens and Orchards.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																								
					Grain.	Hay.	Green.	Grain.	Hay.	Green Food for Cattle.	Grain.	Hay.	Green Food for Cattle.	Grain.	Green Food for Cattle.			English.	Sweet.	Cotton.					Lucerne.		Panicum.		Other Sown Grasses.		For Wine-making.						For Table Use.	Unproductive.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																						
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Adavale	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...





AGRICULTURE—continued.

Table No. VI.

RETURN showing the GROSS PRODUCE of PRINCIPAL CROPS raised in the several POLICE DISTRICTS of the Colony of Queensland during the Year ended 31st December, 1889.

POLICE DISTRICT.	QUANTITY OF PRODUCE.																						
	GRAIN CROPS.					POTATOES.		Cotton.	SUGAR-CANE.		Arrowroot.	Tobacco (cured leaf).	HAY.						VINES.		Bananas.	Pine-Apples.	Oranges.
	Wheat.*	Oats.	Barley.	Maize.	Rice.	English.	Sweet.		Sugar- Cane Crushed.	Sugar.			Sown Grasses.			Wine made.	Grapes for Table use.						
													Lucerne	Pani- cum.	Other Sown Grasses.								
	Bushels.	Bushels.	Bushels.	Bushels.	Lbs.	Tons.	Tons.	Lbs.	Acres.	Tons.	Lbs.	Cwt.	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.	Ga'lons.	Lbs.	Dozens.	Dozens.	Dozens.
Adavale	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	
Allora	32,531	3,638	2,056	38,719	...	54	...	...	...	...	...	...	6,007	1,733	91	2,302	107	...	1,369	27,378	...	...	...
Aramac	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	
Arrillalah	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	
Augathella	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	
Ayr	...	...	...	33,962	...	93	533	...	1,914	3,225	...	...	...	...	...	...	...	...	...	...	...	...	
Banana	...	...	...	44	...	...	4	...	...	...	...	...	...	10	...	5	...	...	...	...	9,000	...	...
Barcaldine	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	
Blackall	...	...	...	...	...	16	2	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	
Bollon	...	...	...	...	...	2	...	...	...	...	...	...	...	5	Nil	...	...	...	...	8,960	...	...	200
Boulia	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	
Bowen	...	...	...	10,314	...	84	138	...	...	...	...	...	...	...	...	...	...	...	...	...	15,610	1,668	44,440
Brisbane	...	...	315	93,030	...	1,722	2,550	...	...	...	...	4	19	4,279	8	1,621	661	7	23,220	547,885	155,500	127,039	51,652
Bundaberg	...	15	1,280	188,852	...	141	1,961	...	7,384	9,499	...	67	...	447	40	1,031	13	10	...	18,850	209,610	2,050	26,080
Burke	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	
Caboolture	...	...	...	17,421	...	182	284	...	80	60	...	...	8	244	...	71	14	...	376	3,240	285,142	384	4,800
Cairns	...	...	...	73,787	143,380	26	610	...	1,400	1,700	...	11	...	24	...	6	9	40	...	...	1,495,768	5,195	29,930
Camowœal	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	
Cape River	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	
Cardwell	...	...	...	290	...	...	340	...	...	...	...	...	...	...	...	...	...	...	...	...	22,600	360	5,450
Charleville	5	...	...	18	...	...	...	...	...	...	...	...	2	2	...	...	...	...	...	...	...	...	...
Charters Towers	...	...	...	128	...	48	87	...	...	...	...	...	...	16	...	3	...	...	...	5,238	6,190	1,984	2,552
Clermont	...	...	Nil	1,102	...	4	8	...	...	...	...	...	...	28	2	...	Nil	...	...	...	...	10	...
Cleveland	...	...	...	3,102	...	43	189	...	83	155	...	...	...	101	...	8	1	...	3,556	28,530	769,056	13,975	16,210
Cloncurry	...	...	...	...	...	5	2	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Condamine	...	...	...	40	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Cook	...	...	...	13,523	23,400	29	409	...	300	333	...	127	...	30	...	...	...	...	...	1,000	...	...	...
Crow's Nest	...	...	30	8,510	...	106	...	...	...	...	...	...	94	98	14	63	14	1	746	...	88,365	4,241	2,820
Croydon	...	...	...	447	...	...	53	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	2,400
Cunnamulla	100	...	...	...	...	...	...	...	...	...	...	...	30	9	...	...	...	...	...	...	15	...	...
Dalby	237	225	226	2,001	...	31	2	...	...	...	...	...	150	402	44	576	157	...	110	4,200	...	...	...
Diamantina	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Douglas	...	...	...	42,630	53,920	15	178	...	...	...	...	...	...	13	Nil	...	...	...	...	...	260,150	2,800	31,225
Eidsvold	...	...	...	90	...	...	...	...	...	...	...	...	...	15	...	2	...	...	...	...	...	...	...
Emerald	...	...	...	100	...	9	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Esk	...	...	...	36,517	...	139	6	...	...	...	...	60	15	466	5	775	54	N 1	90	1,000	5,000	...	23,200
Etheridge	...	...	...	1,635	...	10	14	...	...	...	...	...	...	...	...	...	...	...	...	1,550	...	...	...
Eulo	...	Nil	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	990	...	30
Gatton	288	10	12,254	292,365	...	2,497	35	...	...	...	...	16	259	1,719	822	7,707	645	123	11,897	38,050	...	...	41,467
Gayndah	...	...	...	725	...	18	140	...	...	...	...	...	...	53	4	27	16	...	...	...	...	...	...
Gilbert	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Gladstone	...	...	...	2,296	...	12	14	...	...	...	...	...	...	62	...	53	...	...	...	...	...	...	...
Goodna	...	9	...	9,867	...	99	14	...	...	...	...	...	...	431	12	145	40	...	56	850	298	533	5,114
Goondiwindi	85	...	30	30	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	2,100	...	Nil	Nil
Gympie	200	85	...	54,899	...	497	286	7	...	...	...	...	12	67	18	15	...	8	...	13,694	...	...	1,200
Herberton	...	1,040	840	17,978	...	217	337	...	...	...	...	...	...	2,637	3	417	95	22	...	27,200	300	...	5,440
Highfields	...	1,040	840	17,978	...	217	337	...	...	...	...	...	...	217	...	282	14	14	...	2,700	3,210	507	5,540
Highfields	1,389	297	421	40,329	...	747	3	...	...	...	...	...	1,082	879	117	725	22	...	3,734	49,262	...	4,000	19,560
Hughenden	...	...	...	...	...	37	13	...	...	...	...	...	...	...	...	...	...	...	...	2,200	...	...	...
Hungerford	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...



Table No. VI.—continued.

RETURN showing the GROSS PRODUCE of PRINCIPAL CROPS raised in the several POLICE DISTRICTS of the Colony of Queensland during the Year ended 31st December, 1889—continued.

POLICE DISTRICT.	QUANTITY OF PRODUCE.																							
	GRAIN CROPS.					POTATOES.		Cotton.	SUGAR-CANE.		Arrowroot.	Tobacco (cured leaf).	HAY.						VINES.		Bananas.	Pine-Apples.	Oranges.	
	Wheat.*	Oats.	Barley.	Maize.	Rice.	English.	Sweet.		Sugar-Cane Crushed.	Sugar.			Wheat.	Oats.	Barley.	Sown Grasses.			Wine made.	Grapes for Table use.				
																Lucerne	Pani- cum.	Other Sown Grasses.						
	Bushels.	Bushels.	Bushels.	Bushels.	Lbs.	Tons.	Tons.	Lbs.	Acres.	Tons.	Lbs.	Cwt.	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.	Gallons.	Lbs.	Dozens.	Dozens.	Dozens.	
Ingham	...	...	...	7,363	...	46	1,496	...	4,033	6,741	...	...	...	...	...	...	...	...	...	...	...	...		
Inglewood	...	...	...	130	...	19	2	...	...	...	...	525	20	80	13	154	...	9	...	36,160	...	...		
Ipswich	...	...	...	...	...	409	269	...	...	...	...	...	16	1,246	25	362	90	3	10,200	54,970	300	1,003	10,820	
Isisford	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...		
Leyburn	993	...	...	1,697	...	...	1	...	...	...	...	...	6	...	2	1,025	...	...	...	784	...	...		
Logan	...	120	60	98,583	...	709	390	...	208	198	531,740	34	...	718	...	1,295	96	12	8,779	10,542	30,948	100	5,860	
Mackay	33	...	...	23,807	5,081	46	2,185	...	10,592	13,003	40,048	16	...	72	...	31	1	...	...	6,849	74,943	31,205	18,257	
Marburg	...	...	420	34,010	...	99	19	...	100	100	...	...	6	331	4	139	25	2	2,075	3,617	Nil	Nil	Nil	
Maryborough	...	160	375	105,209	...	292	673	...	360	287	...	20	...	1,588	6	993	22	...	800	44,594	157,598	11,518	83,288	
Mitchell	25	20	...	496	...	5	...	...	...	...	...	...	94	84	...	6	2	...	...	14,140	...	...	...	
Moonie	...	...	...	...	...	...	...	...	...	...	...	...	...	2	2	3	...	...	...	...	...	...	...	
Mourilyan	...	...	...	5,208	...	31	445	...	2,541	4,634	...	67	...	...	...	...	...	...	...	...	1,046,014	1,698	310	
Muttaburra	...	...	...	...	...	3	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	30	
Nanango	...	...	60	3,173	...	10	6	...	...	...	...	...	...	53	...	49	8	...	...	5,643	...	...	...	
Nebo	...	...	...	80	...	...	...	...	...	...	...	...	...	25	...	...	...	...	300	...	...	...	3,000	
Nerang	...	...	...	45,880	...	179	18	...	35	16	12,200	...	2	254	1	58	36	...	860	6,696	4,646	1,132	3,866	
Norman	...	...	...	...	...	2	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	
Normanby	28	2	...	...	...	158	32	...	...	...	...	43	49	1,655	61	4,508	1,009	...	3,416	5,906	Nil	...	Nil	
Palmer	...	...	440	132,724	...	6	39	...	...	...	...	...	...	...	...	...	...	...	...	...	5,280	2,333	390	
Ravenswood	...	...	...	...	...	16	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	
Rockhampton	...	105	260	17,374	...	183	923	...	252	140	...	4	...	1,876	2	972	292	2	...	16,023	12,522	4,202	34,550	
Roma	5,309	70	18	3,433	...	36	10	...	...	...	...	...	460	176	10	20	12	...	13,888	355,396	...	...	1,242	
St. George	...	...	...	970	...	5	3	...	...	...	...	...	39	140	...	...	...	...	...	31,294	...	...	900	
St. Lawrence	...	...	...	2,853	...	10	61	...	...	...	...	...	...	17	...	96	8	...	...	1,104	510	2,680	...	
Somerset	...	...	...	50	...	...	35	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	
Springure	...	365	40	620	...	3	4	...	...	...	...	...	...	...	...	...	...	...	...	253,080	17	...	20	
Stanthorpe	90	58	20	1,320	...	92	...	...	...	...	...	92	3	79	5	59	Nil	...	300	37,620	...	...	...	
Surat	160	...	60	144	...	3	Nil	...	...	...	...	...	18	34	50	1	...	...	...	7,840	...	...	...	
Tambo	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	
Taroom	...	...	...	388	...	8	1	...	...	...	...	...	...	11	...	5	3	...	...	...	...	...	...	
Tenningering	...	...	...	755	...	12	31	...	...	...	...	...	...	23	...	46	...	...	180	2,800	...	...	50	
Thargomindah	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	
Thornborough	...	...	...	7,413	...	20	27	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	
Tiaro	...	325	150	54,414	...	383	144	...	156	78	...	17	...	1,251	4	494	128	3	...	9,550	1,279	534	650	
Toowoomba	10,252	5,954	3,524	52,729	...	282	4	...	...	...	...	...	4,072	2,916	291	5,309	90	58	61,249	422,964	6,553	764	8,567	
Townsville	...	...	60	3,586	...	210	178	...	...	...	...	...	...	7	...	6	5	2	...	8,030	...	...	43,087	
Warwick	82,607	2,063	3,021	117,411	...	501	6	...	...	...	...	600	1,845	2,326	35	7,501	45	37	14,425	100,042	51,260	6,806	23,345	
Windsorah	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	120	
Winton	...	...	...	...	...	6	4	...	...	...	...	...	...	...	...	...	...	...	...	1,200	...	...	...	
Totals for 1889...	134,335	14,561	26,630	1,743,051	230,781	10,650	15,239	7	29,438	40,169	583,988	2,531	14,333	29,093	1,691	38,968	3,734	353	164,626	1,967,667	4,993,517	227,785	560,564	
Totals for 1888...	8,263	3,626	7,482	2,181,681	980,424	10,119	10,592	...	32,375	34,659	254,870	1,418	263	5,474	112	23,922	2,150	370	144,239	1,835,831	6,320,853	187,747	742,417	
Increase in 1889	126,072	10,935	19,198	...	...	531	4,647	7	...	5,510	329,118	1,113	14,070	23,619	1,579	15,046	1,584	...	20,387	131,836	...	40,038	...	
Decrease in 1889	...	...	...	438,630	749,643	...	...	...	2,937	...	...	...	...	...	...	...	...	17	...	...	1,327,341	...	181,553	...

\* For detailed return of Wheat Crop, vide Table No. CLXXVI.

# WHEAT RETURNS—1889.

Table No. VII.

RETURN for the Year 1889, showing the EXTENT of LAND SOWN with WHEAT GRAIN in the several POLICE DISTRICTS from which Returns have been received, the AREA MOWN for HAY, REAPED for GRAIN, CUT for GREEN FEED for CATTLE, and UNPRODUCTIVE, respectively; also the AREA affected with RUST, free from RUST, and the PRODUCE.

POLICE DISTRICT.	Total Extent of Land Sown with Wheat Grain.	Total Area Mown for Hay.	Total Area Reaped for Grain.	Total Area cut for Green Food for Cattle.	Total Area Unproduc- tive.	RESULTS.												
						AFFECTED WITH RUST.						FREE FROM RUST.						
						Total Area affected with Rust.	HAY.		GRAIN.			Total Area free from Rust.	HAY.		GRAIN.			
							Acres.	Produce.	Acres.	Produce.	Average per Acre.		Acres.	Produce.	Acres.	Produce.	Average per Acre.	
Acres.	Acres.	Acres.	Acres.	Acres.	Acres.	Acres.	Tons.	Bushels.	Bhls. lbs.	Acres.	Tons.	Bushels.	Bhls. lbs.					
Allora ... ..	5,639	3,049	2,186	...	404	4,577	2,715	5,333	1,862	26,299	14 7	658	334	674	324	6,232	19 14	
Bollon ... ..	5	...	...	3	2	...	...	...	...	...	...	...	...	...	...	...	...	
Brisbane ... ..	9	9	...	...	...	3	3	7	...	...	...	6	6	12	...	...	...	
Caboolture ... ..	3	3	...	...	...	3	3	8	...	...	...	...	...	...	...	...	...	
Charleville ... ..	11	4	1	6	...	...	...	...	...	...	...	5	4	2	1	5	5 0	
Clermont ... ..	2	...	...	...	2	...	...	...	...	...	...	...	...	...	...	...	...	
Crow's Nest ... ..	29	29	...	...	...	29	29	94	...	...	...	...	...	...	...	...	...	
Cunnamulla ... ..	33	30	3	...	...	...	...	...	...	...	...	33	30	30	3	100	33 20	
Dalby ... ..	105	87	11	1	6	19	19	30	...	...	...	79	68	120	11	237	21 33	
Douglas ... ..	4	...	...	...	4	...	...	...	...	...	...	...	...	...	...	...	...	
Esk ... ..	15	15	...	...	...	15	15	15	...	...	...	...	...	...	...	...	...	
Gatton ... ..	103	85	10	4	4	37	37	109	...	...	...	58	48	150	10	288	28 48	
Gayndah ... ..	6	...	...	6	...	...	...	...	...	...	...	...	...	...	...	...	...	
Goodna ... ..	2	...	...	2	...	...	...	...	...	...	...	...	...	...	...	...	...	
Goondiwindi ... ..	11	5	6	...	...	...	...	...	...	...	...	11	5	12	6	85	14 10	
Gympie ... ..	16	10	6	...	...	...	...	...	...	...	...	16	10	25	6	200	33 20	
Herberton ... ..	2	...	...	...	2	...	...	...	...	...	...	...	...	...	...	...	...	
Highfields ... ..	620	538	74	...	8	562	516	1,029	46	789	17 9	50	22	53	28	600	21 26	
Ingham ... ..	1	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	
Inglewood ... ..	14	14	...	...	...	6	6	5	...	...	...	8	8	15	...	...	...	
Ipswich ... ..	8	8	...	...	...	8	8	16	...	...	...	...	...	...	...	...	...	
Leyburn ... ..	55	6	49	...	...	22	6	6	16	288	18 0	33	...	...	33	705	21 22	
Logan ... ..	3	...	...	3	...	...	...	...	...	...	...	...	...	...	...	...	...	
Mackay ... ..	1	...	1	...	...	...	...	...	...	...	...	1	...	...	1	36	36 0	
Marburg ... ..	1	1	...	...	...	...	...	...	...	...	...	1	1	6	...	...	...	
Mitchell ... ..	53	49	1	...	3	...	...	...	...	...	...	50	49	94	1	25	25 0	
Nerang ... ..	1	1	...	...	...	1	1	2	...	...	...	...	...	...	...	...	...	
Normanby ... ..	20	18	1	1	...	...	...	...	...	...	...	19	18	49	1	28	28 0	
Roma ... ..	439	183	247	5	4	7	7	19	...	...	...	423	176	441	247	5,309	21 30	
St. George ... ..	26	26	...	...	...	20	20	30	...	...	...	6	6	9	...	...	...	
Stanthorpe ... ..	7	2	5	...	...	...	...	...	...	...	...	7	2	3	5	90	18 0	
Surat ... ..	13	7	6	...	...	...	...	...	...	...	...	13	7	18	6	160	26 40	
Tiaro ... ..	1	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	
Toowoomba ... ..	2,962	2,194	621	35	112	2,528	2,076	3,804	452	6,849	15 9	287	118	268	169	3,403	20 8	
Warwick ... ..	5,641	953	4,276	9	403	4,293	882	1,601	3,411	63,779	18 42	936	71	244	865	18,828	21 46	
Total, 1889 ... ..	15,861	7,326	7,504	76	955	12,130	6,343	12,108	5,787	98,004	17 7	2,700	983	2,225	1,717	36,331	21 10	
Total, 1888 ... ..	9,602	193	499	104	8,806	174	108	138	66	911	13 48	518	85	125	433	7,352	16 59	
Increase in 1889 ... ..	6,259	7,133	7,005	...	...	11,956	6,235	11,970	5,721	97,093	3 19	2,182	898	2,100	1,284	28,979	4 11	
Decrease in 1889 ... ..	...	...	...	28	7,851	...	...	...	...	...	...	...	...	...	...	...	...	



Table No. VIII.

SHOWING the NUMBER of ACRES of WHEAT SOWN, the NUMBER of BUSHELS of WHEAT GRAIN PRODUCED, and the AVERAGE YIELD on ACRES SOWN; the NUMBER of ACRES CUT for HAY, and the YIELD per ACRE; also the NUMBER of ACRES CUT for GREEN FOOD, in the two Years 1888 and 1889.

WHEAT SEASON—1888.							WHEAT SEASON—1889.						
Acres Sown.	Wheat Produce.	* Average per Acre on whole Area Sown.	* WHEAT CUT FOR HAY.			CUT FOR GREEN FOOD.	Acres Sown.	Wheat Produce.	* Average per Acre on whole Area Sown.	* WHEAT CUT FOR HAY.			CUT FOR GREEN FOOD.
			Acres.	Tons.	Average.					Acres.	Tons.	Average.	
9,602	Bushels. 8,263	Bshls. lbs. 0 51·63	193	263	Tons cwt. 1 7·25	104	15,861	Bushels. 134,335	Bshls. lbs. 8 28	7,326	14,333	Tons cwt. 1 19·13	76

\* For produce per acre Wheat Grain (*i.e.*, excluding area cut for Hay and Green Food), *vide* Table No. CLXXXI.

AVERAGE PRODUCE PER ACRE OF PRINCIPAL CROPS—RETURN FOR TEN YEARS.

Table No. IX.

Year.	Wheat Grain.	Oats Grain.	Barley Grain.	Maize.	Rice.	Potatoes.		Cotton.	Sugar (on Acres Crushed).	Arrowroot.	Tobacco (Dried Leaf).	Wheat (Hay).	Oats (Hay).	Barley (Hay).	SOWN GRASSES.			Wine.	Grapes for Table Use.	Bananas.	Pine-Apples.	Oranges.
															Lucerne (Hay).	Panicum (Hay).	Other Sown Grasses (Hay).					
1880...	Bushels. 17·68	Bushels. 17·93	Bushels. 20·96	Bushels. 31·95	Lbs. ...	Tons. 2·64	Lbs. 203·12	Tons. 1·27	Lbs. 2,046·62	Cwt. 6·50	Tons. 1·18	Tons. 1·64	Tons. 1·97	...	...	...	Tons. 2·17	Gallons. 246·27	Lbs. 2,504·68	Dozens. 1,723·31	Dozens. 319·29	Dozens. 791·51
1881...	3·62	12·73	12·52	28·26	...	2·35	188·57	1·35	1,898·22	7·66	0·67	1·28	2·23	...	...	...	1·34	223·28	1,788·10	775·86	378·55	563·13
1882...	12·08	16·58	17·82	26·68	...	2·90	224·80	0·98	1,217·25	10·57	1·33	1·80	4·77	...	...	...	1·60	216·72	1,858·01	849·16	539·03	429·53
1883...	4·30	8·90	13·24	28·68	...	2 60	221·58	1·38	1,716·64	6·52	0·83	1·41	1·65	...	...	...	1·42	269·59	1,577·40	1,128·58	514·02	1,227·96
1884...	16·17	15·17	24·73	21·50	...	Solanum tuberosum *1·81	Batatus edulis. *5·47	245·92	1·11	1,632·86	11·18	1·18	1·75	2·26	...	+	1·22	193·82	2,107·70	874·62	325·36	309·16
1885...	5·11	4·84	24·20	21·94	†	1·70	5·79	299·36	1·45	1,672·46	11·37	0·60	1·19	0·71	+	1·56	1·10	227·86	1,929·82	1,605·59	334·97	1,040·36
1886...	3·13	10·42	24·07	22·62	1,963·16	2·41	6·68	140·00	1·69	1,819·22	7·07	1·77	2·23	3·15	1·77	2·45	1·83	249·00	2,560·22	2,124·50	402·56	601·57
1887...	22·10	24·26	27·03	22·31	2,562·95	2·37	7·11	...	1·65	1,242·44	3·31	1·83	1·81	3·80	2·19	1·71	1·26	194·23	2,712·75	3,060·87	368·07	778·61
1888...	0·89	5·65	22·94	25·38	1,972·68	1·90	5·39	...	1·07	1,710·54	11·53	1·36	1·03	0·55	1·73	1·69	1·80	240·40	2,206·53	2,847·23	323·14	695·15
1889...	15·88	19·41	21·24	17·84	926·83	2·38	5·64	7·00	1·36	2,780·90	9·52	1·96	2·29	3·11	1·71	1·88	1·76	251·34	2,487·57	1,521·49	362·71	329·74

\* Not separated prior to 1884.

† Previously included in Sown Grasses.

‡ Not especially returned prior to 1886.

Price 9d.]

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